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(54) **TREATMENT OF IMMUNE DISEASES BY MEANS OF THE ANTIBODY-MEDIATED NEUTRALIZATION OF SPECIFIC INTESTINAL BACTERIA**

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(57) **ABSTRACT**

An antibody or an antigen-binding fragment thereof binds to an antigen of the bacterium *Candidatus savagella* and inhibits the adhesion of the bacterium to intestinal epithelial cells; and/or depletes the bacterium. A drug has the antibody or an antigen-binding fragment thereof. A kit has the antibody or an antigen-binding fragment thereof for reduction of Th17 cell proliferation, Th17 cell differentiation or Th17 cell activity and/or inhibition of the formation of antibodies against endogenous antigens by B cells. The kit can contain an antibiotic. A method for producing the antibody involves immunizing chickens with an immunogenic peptide from an antigen of the bacterium *Candidatus savagella*, and recovering and purifying the antibodies formed in the chickens or in an egg laid by said chickens. A method for producing the drug involves producing the antibody or an antigen-binding fragment thereof, and formulating the antibody or an antigen-binding fragment thereof as a drug.

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